

## NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to **Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450** on **December 8, 2003** under "EXPRESS MAIL" mailing label number EL 99443 5017 US.

*Janet M. Stevens*  
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Transmitted herewith for filing is the patent application of:

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**Title:** ELECTRON EMITTER

**1. Type of Application**

This is a request for filing a **CONTINUATION-IN-PART APPLICATION** under 37 C.F.R. §1.53(b), of pending prior application:

Serial No.:	10/678,958	Prior Art Unit:	Not assigned
Filed:	October 3, 2003	Prior Examiner:	Not assigned
Title:	ELECTRON EMITTER		
Inventors:	Yukihiisa TAKEUCHI, Tsutomu NANATAKI and Iwao OHWADA		

15325 U.S. PTO  
10/730754



120803



13142 U.S. PTO

**2. Papers enclosed****A. Required for filing date under 37 CFR 1.53(b) (Regular) are:**

43 Page(s) of Specification  
5 Page(s) of Claims  
1 Page(s) of Abstract  
39 Sheets of Formal Drawings (Figs. 1-39)

**B. Other Papers Enclosed**

☒ A Patent Application Bibliographic Data  
☒ A Preliminary Amendment  
☒ An Information Disclosure Statement  
☒ PTO Form-1449

**3. Additional Papers to Follow Under Separate Cover**

☒ A combined Declaration and Power of Attorney  
☒ A Submission of Certified Copy of Priority Document and a certified copy of:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2003-345992	October 3, 2003

☒ An Assignment Transmittal and Assignment of the invention to:

NGK Insulators, Ltd.  
 2-56, Suda-Cho, Mizuho-Ku  
 Nagoya-City, Aichi-Prefecture 467-8530  
 Japan

**4. The correspondence address for this application is:** Customer No. 025191

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**5. Relate Back****A. 35 U.S.C. 119(e)**

[ ] Priority of provisional application Serial No. , filed , is hereby claimed under 35 U.S.C. §119(e).

**B. 35 U.S.C. 120, 121 and 365(c)**

- ☒ Priority of said prior application(s) is hereby claimed under 35 U.S.C. §120 as follows:

<u>Application Number</u>	<u>Filing Date</u>	<u>Relationship</u>
10/678,958	October 3, 2003	Parent

**C. 35 U.S.C. 119 Priority Claim for Prior Application**

- ☒ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2003-345992	October 3, 2003

- ☐ A certified copy of the above corresponding foreign application was filed in prior application Serial No. on .
- ☐ A certified copy of the above corresponding foreign application is filed herewith.

**6. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)**

- ☐ Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- ☐ Applicants hereby request that the attached application **not be** published under 35 U.S.C. 122(b).

**7. The filing fee has been calculated as shown below:**

<b>Basic Filing fee</b> (37 CFR §1.16(a))				\$ 770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	21 - 20 =	1	× \$ 18.00	\$ 18.00
Independent Claims	4 - 3 =	1	× \$ 86.00	\$ 86.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$ .00
<b>Surcharge fees</b> (37 C.F.R. 1.16(e)--\$130.00)				
<input checked="" type="checkbox"/> late payment of filing fee <i>and/or</i>				\$ 130.00
<input checked="" type="checkbox"/> late filing of original declaration or oath (37 C.F.R. 1.16(e)--\$130.00)				
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,004.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ .00
<b>SUBTOTAL =</b>				\$ 1,004.00

<input checked="" type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d)--\$130.00)	\$ 130.00
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h)--\$40.00)	\$ 40.00
<b>TOTAL FEES DUE =</b>	<b>\$ 1,174.00</b>

**8. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment**

- ☐ A check in the amount of is enclosed.
- ☐ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.
- ☐ Any additional filing fees required under 37 CFR 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

December 8, 2003

Date



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